**Advanced Cyber Research Job Openings**

Great opportunities for smart programming aces, clever reverse engineers, or savvy cyber researchers who aren’t afraid of challenging problems. As part of the Cyber Security team at BBN, you might write Android apps and inject them with malware to test malware detection tools, devise creative ways to graphically represent data about the lineage of malware, reverse engineer an embedded device looking for vulnerabilities that a hacker could exploit, or create and implement algorithms and code to prevent data exfiltration from military networks. Although the work changes from one project to the next, it’s always challenging, and it always makes a difference.

All of the research at BBN—from sniper detection to quantum cryptography—is funded by customers who rely on us for solutions. If you are a problem solver, someone who likes to take things apart to see how they work, who enjoys inventing things, and who has the passion, drive, and creativity to shape the future of cyber security, we should talk.

BBN offers competitive salaries, great benefits, flexible work hours, the opportunity to work on multiple projects, and ample training opportunities.

**We’re looking for candidates with the following skills:**

- Great imagination
- Strong written and oral communication skills
- Solid programming skills, particularly in C/C++ or Java but also x86 (or other) assembly language, Python or Perl
- Some experience in designing and developing software systems, as well as performing system test and integration

**Interest in, or experience* with, any of the following is also desirable:**

- Networking code development
- Operating system internals and/or kernel development
- Network protocol analysis techniques
- Virtualization and sandboxing
- Reverse engineering
- System analysis and engineering
- Static and dynamic binary analysis
- Low-level knowledge of consumer electronics (e.g., mobile phones, ARM processors, etc.)
- Embedded systems
- Other security topics like fuzzing, memory analysis, malware techniques, cryptography, etc.

**Minimum education and experience:**

- BS, MS, or PhD in Computer Science, Engineering, or other relevant field
- 0-6 years relevant work experience
- Ability to obtain a DoD security clearance requires US Citizenship

For more information, contact: Michelle Spina, mspina@bbn.com, 617-873-2693

Or apply online at: [www.bbn.com](http://www.bbn.com)

*If you don’t have expertise in these areas, we will teach you!*